C.B. Patel Computer College & J. N. M. Patel Science College

Programming Skills (204)

Practical Assignment based on Python

1. Write a program to calculate area of a circle. Take Radius from user.
   AREA = PI * R *R
2. Write a program to swap two numbers.
3. Write a Program to check whether a given number is positive, negative or Zero.
4. Write a Program to find the largest number from 3 numbers.
5. Write a program to input 2 numbers and perform addition, subtraction, multiplication, division, exponent of those numbers using if…elif…else statement.
6. Write a program to find the factorial of a given no.
   For example, for n=5, 5! = 5*4*3*2*1 = 120
7. Write a Program to reverse a given number.
8. Write a Program to check whether given number is in list. list is manually input.
9. Write a Program to display the following patterns for size n:

* * * * * * * * * *	1 2 1 3 2 1 4 3 2 1	4 3 2 1 3 2 1 2 1 1
H H E H E L H E L L H E L L O	* * * * * * * * * * * * * * *	1 0 1 1 0 1 0 1 0 1 1 0 1 0 1

10. Write a Program to count positive numbers, negative numbers, odd numbers & even numbers from list. list is manually input.